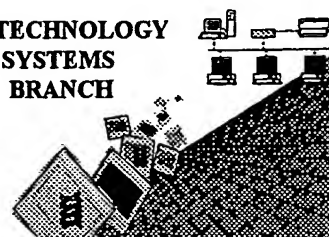


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
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Application Serial Number: 10/083,919  
Source: OIPF  
Date Processed by STIC: 12/12/02

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Revised 01/29/2002



Does Not Comply  
Corrections Needed

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,919

DATE: 12/12/2002

TIME: 10:41:42

Input Set : A:\PTO.txt

Output Set: N:\CRF4\12122002\J083919.raw

5 <110> APPLICANT: Prayaga, Sudhirdas K  
7 Shimkets, Richard A  
9 Majumder, Kumud  
11 Eisen, Andrew  
13 Vernet, Corine  
15 Spaderna, Steven K  
17 Baumgartner, Jason  
19 Gorman, Linda  
21 Gusev, Vladimir  
23 Padigar, Muralidhara  
25 Patturajan, Meera  
27 Tchernev, Velizar  
29 Li, Li  
33 <120> TITLE OF INVENTION: ENDOZEPINE-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES  
35 ENCODING SAME  
39 <130> FILE REFERENCE: 15966-575CIP  
43 <140> CURRENT APPLICATION NUMBER: 10/083,919  
45 <141> CURRENT FILING DATE: 2002-02-27  
49 <150> PRIOR APPLICATION NUMBER: 60/157,786  
51 <151> PRIOR FILING DATE: 1999-10-05  
55 <150> PRIOR APPLICATION NUMBER: 60/164,164  
57 <151> PRIOR FILING DATE: 1999-11-09  
61 <150> PRIOR APPLICATION NUMBER: 60/174,505  
63 <151> PRIOR FILING DATE: 2000-01-04  
67 <150> PRIOR APPLICATION NUMBER: 60/183,859  
69 <151> PRIOR FILING DATE: 2000-02-22  
73 <150> PRIOR APPLICATION NUMBER: 60/190,740  
75 <151> PRIOR FILING DATE: 2000-03-20  
79 <150> PRIOR APPLICATION NUMBER: 60/191,133  
81 <151> PRIOR FILING DATE: 2000-03-22  
85 <150> PRIOR APPLICATION NUMBER: 60/206,006  
87 <151> PRIOR FILING DATE: 2000-05-19  
91 <150> PRIOR APPLICATION NUMBER: 60/215,684  
93 <151> PRIOR FILING DATE: 2000-06-30  
97 <150> PRIOR APPLICATION NUMBER: 60/219,490  
99 <151> PRIOR FILING DATE: 2000-07-20  
103 <150> PRIOR APPLICATION NUMBER: 60/227,072  
105 <151> PRIOR FILING DATE: 2000-08-22  
109 <150> PRIOR APPLICATION NUMBER: 09/679,460  
111 <151> PRIOR FILING DATE: 2000-10-04  
115 <150> PRIOR APPLICATION NUMBER: 09/679,740  
117 <151> PRIOR FILING DATE: 2000-10-05  
121 <150> PRIOR APPLICATION NUMBER: 60/271,909

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PATENT APPLICATION: US/10/083,919

DATE: 12/12/2002  
TIME: 10:41:42

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123 <151> PRIOR FILING DATE: 2001-02-27  
127 <160> NUMBER OF SEQ ID NOS: 202  
131 <170> SOFTWARE: PatentIn Ver. 2.1

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3810 <213> ORGANISM: Homo sapiens  
3813 <220> FEATURE:  
3814 <221> NAME/KEY: VARIANT  
3816 <222> LOCATION: (86)  
3818 <223> OTHER INFORMATION: wherein \* is any amino acid or no amino acid  
3822 <400> SEQUENCE: 61  
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3826 1 5 10 15  
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3832 20 25 30  
3836 Ala Thr Val Gly Asp Ile Asn Thr Glu Arg Pro Gly Met Leu Asp Phe  
3838 35 40 45  
3842 Thr Gly Lys Ala Lys Trp Asp Ala Trp Asn Glu Leu Lys Gly Thr Ser  
3844 50 55 60  
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6231 <223> OTHER INFORMATION: wherein \* is any amino acid or no amino acid  
6234 <220> FEATURE:  
6236 <221> NAME/KEY: VARIANT  
6238 <222> LOCATION: (151)  
6240 <223> OTHER INFORMATION: wherein \* is any amino acid or no amino acid  
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6248 1 5 10 15  
6252 Gly Glu Leu Ser Ser Gly Asp Asp Ser Gly Glu Val Glu Phe Pro His  
6254 20 25 30  
6258 Ser Pro Glu Ile Glu Glu Thr Ser Cys Leu Ala Glu Leu Phe Glu Lys  
6260 35 40 45  
6264 Ala Ala Ala His Leu Gln Gly Leu Ile Gln Val Ala Ser Arg Glu Gln  
6266 50 55 60

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/083,919

DATE: 12/12/2002  
TIME: 10:41:42

Input Set : A:\PTO.txt  
Output Set: N:\CRF4\12122002\J083919.raw

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6272 65 70 75 80
6276 Asn Thr Pro Lys Pro Ser Phe Phe Asp Phe Glu Gly Lys Gln Lys Trp
6278 85 90 95
6282 Glu Ala Trp Lys Ala Leu Gly Asp Ser Ser Pro Ser Gln Ala Met Gln
6284 100 105 110
6288 Glu Tyr Ile Ala Val Val Lys Lys Leu Asp Pro Gly Trp Asn Pro Gln
6290 115 120 125
6294 Ile Pro Glu Lys Lys Arg Lys Arg Ser Lys Tyr Lys Val Trp Ala Ser
6296 130 135 140
6300 Tyr Phe Ser Ile Ser Arg Asn His Gln Gly Arg Asp Lys Asn Ile Phe
6302 145 150 155 160
6306 Asp Tyr Cys Arg Glu Asn Asn Ile Asp His Ile Thr Lys Ala Ile Lys
6308 165 170 175
6312 Ser Lys Asn Val Asp Val Asn Val Lys Asp Glu Glu Gly Arg Ala Leu
6314 180 185 190
6318 Leu His Trp Ala Cys Asp Arg Gly His Lys Glu Leu Val Thr Val Leu
6320 195 200 205
6324 Leu Gln His Arg Ala Asp Ile Asn Cys Gln Asp Asn Glu Gly Gln Thr
6326 210 215 220
6330 Ala Leu His Tyr Ala Ser Ala Cys Glu Phe Leu Asp Ile Val Glu Leu
6332 225 230 235 240
6336 Leu Leu Gln Ser Gly Ala Asp Pro Thr Leu Arg Asp Gln Asp Gly Cys
6338 245 250 255
6342 Leu Pro Glu Glu Val Thr Gly Cys Lys Thr Val Ser Leu Val Leu Gln
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6348 Arg His Thr Thr Gly Lys Ala

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10522 <210> SEQ ID NO: 202

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10532 <220> FEATURE:

10534 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

10536 construct; chemically synthesized

10540 <400> SEQUENCE: 202

10542 acatcaagtt aacagtatgc ctctccc

27

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,919

DATE: 12/12/2002

TIME: 10:41:45

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Output Set: N:\CRF4\12122002\J083919.raw

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L:1958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:16  
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L:2120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:16  
L:2244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:2250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:16  
L:2340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
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L:2502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:16  
L:2622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:2628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:16  
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:2754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:16  
L:2904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:2910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:16  
L:3030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:3036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:16  
L:3856 M:252 E: No. of Seq. differs, <211> LENGTH:Input:89 Found:88 SEQ:61  
L:4441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0  
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L:4453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:32  
L:4459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:48  
L:4465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:64  
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L:8843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:48  
L:8877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:16  
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L:9731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:360  
L:10546 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:31 SEQ:202  
L:10546 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2  
L:10546 M:252 E: No. of Seq. differs, <211> LENGTH:Input:27 Found:31 SEQ:202